

19990324.qrp v01_n405.qrl.990324

Date: Wed, 24 Mar 1999 19:03:25 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1405

QRP-L Digest 1405

Topics covered in this issue include:

- 1) [36382] Re: quck questions on the MFJ 30M qrp rig
by RangerSF5@aol.com
- 2) [36383] Re: [Re: Calling frequency or window?]
by Roy Lincoln <wa4dou@usa.net>
- 3) [36384] DRO readouts
by Scott Gregson - KC7MAS <emtech@steadynet.com>
- 4) [36385] Re: Gel Cel Recharging
by Gary L Surrency <gsurrency@juno.com>
- 5) [36386] Re: NC20 Chirp
by Gary L Surrency <gsurrency@juno.com>
- 6) [36387] Re: Fireball 40 Rev. 2B
by "George Heron" <n2apb@erols.com>
- 7) [36388] A little fun on the road
by Larry Cahoon <wd3p@juno.com>
- 8) [36389] Ten Tec AC5 Tuner For Sale
by "Tim Cook" <timcook@erinet.com>
- 9) [36390] Kanga US still around?
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 10) [36391] Re: QRPTTF: One month left to plan\!
by Jeff <fantbb@yahoo.com>
- 11) [36392] Re: Altoids rig
by Clay N4AOX <wyn@worldnet.att.net>
- 12) [36393] Atlanticon talk preview #7: "Genesis of a QRP kit"
by "George Heron" <n2apb@erols.com>
- 13) [36394] Re: Packing for Atlanticon
by tjmc <tjmc@erols.com>
- 14) [36395] Re: Inverted *V* ant question
by "George T. Baker" <w5yr@swbell.net>
- 15) [36396] NC20 finished & working but slight problem (long post)
by sda <sda@bellsouth.net>
- 16) [36397] fs mfj 259 (not "b") \$135
by "The one and only!" <mitch96@pobox.com>
- 17) [36398] Re: NC20 finished & working but slight problem (long post)
by Gary L Surrency <gsurrency@juno.com>
- 18) [36399] Re: NC20 finished & working but slight problem (long post)
by Jeff Johns <jeffj@scott.net>
- 19) [36400] Thanks a million

- by RangerSF5@aol.com
- 20) [36401] How long will it last?
by Jeff Johns <jeffj@scott.net>
- 21) [36402] Re: Gel Cel Recharging
by Norm Melick <henmel@worldnet.att.net>
- 22) [36403] QRP TTF site
by rfoltz@turbonet.com
- 23) [36404] Repository of Knowledge
by DYARNES@aol.com
- 24) [36405] Re: NC20 finished & working but slight problem (long post)
by David Fifield <fifield@pacbell.net>
- 25) [36406] Message from KL7H/C6A
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 26) [36407] Atlanticon packing
by Chuck Adams <adams@ticnet.com>
- 27) [36408] test de KA5T
by "KA5T Larry Wise" <lewise@inetport.com>
- 28) [36409] WTB: Furby for autopsy...
by "Radman" <radman@best.com>
- 29) [36410] Re: Kanga US still around?
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
- 30) [36411] Atlanticon Weather
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 31) [36412] Re: Kanga US still around?
by Zack Lau <zlau@arrl.org>
- 32) [36413] wx update for Atlanticon
by Scott Howell <whowell@hq.nasa.gov>
- 33) [36414] Re: Atlanticon Weather
by Scott Howell <whowell@hq.nasa.gov>
- 34) [36415] Re: Inverted *V* ant question
by "Ken Hanks" <kennfd@snet.net>
- 35) [36416] Re: Inverted *V* ant question
by Russ Hines <radioruss@fuse.net>
- 36) [36417] Need to contact person in Honduras
by Jim Hale <kj5tf@yahoo.com>
- 37) [36418] Re: FS - book "SMT Projects"
by Todd Nichols <nichols@rtp.ericsson.se>
- 38) [36419] Atlanticon
by "John L. Sielke" <n4js@pobox.com>
- 39) [36420] Spelling....
by "John L. Sielke" <n4js@pobox.com>
- 40) [36421] QRP kit info..
by Randy Randall <RANDALLR@Healthall.com>
- 41) [36422] Re: NC20 Chirp
by Dave Ek <ekdave@earthlink.net>
- 42) [36423] New NorCal Kit Announcement
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 43) [36424] RE: Grounding

- by Larry East <w1hue@amsat.org>
- 44) [36425] New NorCal Kit
by wgabriel@dukeengineering.com
- 45) [36426] Test
by John Pate <kb4utv@netscape.net>
- 46) [36427] Re: Test
by Jeff Johns <jeffj@scott.net>
- 47) [36428] Re: New NorCal Kit Announcement
by Roy <marion@montana.com>
- 48) [36429] AR QRP Net Tonight
by Robsparks@aol.com
- 49) [36430] CB to 10 Meter Conversion
by John Pate <kb4utv@netscape.net>
- 50) [36431] QRPTTF from NH/ME Border
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>
- 51) [36432] B&K 1570A Oscilloscope Info needed
by Guy Dragoo <GDRAG@proedge.com>
- 52) [36433] Antenna rope
by "Bruce" <Bruce2@prodigy.net>
- 53) [36434] Re: New NorCal Kit Announcement
by Bruce Rattray <rattray@gpfn.sk.ca>
- 54) [36435] Re: Message from KL7H/C6A
by sholisky@ktca.org (Scott Holisky)
- 55) [36436] Spell Checkers, postings and resulting email [long]
by Chuck Adams <adams@ticnet.com>
- 56) [36437] Re: Antenna rope
by Michael Neverdosky <MichaelN@cycat.com>
- 57) [36438] NorCal Resistor Kits & Future Kits
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 58) [36439] QSL Mailing List
by "L. Jeffrey Hetherington" <jhetheri@npiec.on.ca>
- 59) [36440] GELCELL CHARGER
by mjfitz@uswest.net
- 60) [36441] Battery Choice
by Jeff Johns <jeffj@scott.net>
- 61) [36442] RE: Grounding
by Caldera OpenLinux User <qrp@cisgw3.law.pace.edu>
- 62) [36443] Re: Furby for autopsy...
by "John Moriarity" <k6qq@hdo.net>
- 63) [36444] What is the difference?
by Jeff Johns <jeffj@scott.net>
- 64) [36445] Re: QRPTTF from NH/ME Border
by "Steven Weber" <kd1jv@moose.ncia.net>
- 65) [36446] Re: Battery Choice
by "Radman" <radman@best.com>
- 66) [36447] RE: Grounding
by dor <elbc@pivot.net>
- 67) [36448] Re: What is the difference?

- by "Chris Cieslak" <ccieslak@law.uiuc.edu>
- 68) [36449] Re: What is the difference?
by "Mike Yetsko" <myetsko@insydesw.com>
- 69) [36450] Atlanticon Prize Drawings
by "David Maliniak" <dmaliniak@penton.com>
- 70) [36451] Re: Furby for autopsy...
by "Radman" <radman@best.com>
- 71) [36452] Re: New NorCal Kit
by "Harry T. Hurst" <hhurst@delaware.infi.net>
- 72) [36453] New and Radio
by Brad Mugleston <bmug@gwl.com>
- 73) [36454] Atlanticon/Spring Fever
by jeverhar@cse.1-3com.com
- 74) [36455] Re: Furby for autopsy...
by "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
- 75) [36456] Re: Spell Checkers, postings and resulting email [long]
by "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
- 76) [36457] NC-20 U5 Upgrade
by "Ron Polityka" <wb3aal@talon.net>
- 77) [36458] Re: QRPTTF from NH/ME Border
by elawson@lr.net (Ed Lawson)
- 78) [36459] Re: NC-20 U5 Upgrade
by "Robert P. Okas" <vintage@best.com>
- 79) [36460] Question
by Mercxx@aol.com
- 80) [36461] Re: New NorCal Kit Announcement
by "George Heron" <n2apb@erols.com>
- 81) [36462] Re: Grounding & General computer noise
by "Bill Todd" <bill@willapabay.org>
- 82) [36463] Re: Furby for autopsy...
by "M. Monninger" <markem@primenet.com>
- 83) [36464] QSL List.
by "Vincent Ferme" <vferme@sprint.ca>

Date: Tue, 23 Mar 1999 19:01:25 EST
From: RangerSF5@aol.com
To: millerm@merle.acns.nwu.edu, Qrp-L@lehigh.edu
Subject: [36382] Re: quck questions on the MFJ 30M qrp rig
Message-ID: <e4ebe268.36f82b55@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 99-03-23 18:34:26 EST, you write:

<<

1) You (or someone) installed a switch in the upper right hand corner of the faceplate. When I turn the switch on, the transmit light goes on, but nothing else seems to happen. Is there a function for this switch?

>>

Hi Mike,

I posted to the list because of the 2nd problem.

First, the switch does nothing but shunt out the RX if you don't like hearing stations between CW characters.

All it is, is the HQQ stand by switch.

As for the slow action on the side tone, Check you'r board voltage and the AGE voltage.

Those plastic trim caps develop dead spots and a fraction of a turn will return you'r side tone to kick in as fast as you tap the key.

With head phones on and turning the board voltage trim pot, you'll hear the RX come in and out.

Give it a shot of tuner cleaner and rock it back and forth a few times and set it to 10Volts

The rig had a good alignment so don't adjust any of the cans.

It puts out a full 4 watts into a dummy load and is clean on the scope.

Keep me posted

72/73

Bob

WA2HQQrp <tm>

Date: 23 Mar 99 19:15:53 EST

From: Roy Lincoln <wa4dou@usa.net>

To: w4bws@juno.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [36383] Re: [Re: Calling frequency or window?]

Message-ID: <19990324001553.4043.qmail@nw177.netaddress.usa.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable

Content-Transfer-Encoding: quoted-printable

Hi guys!

I've always understood a calling frequency on HF ,where we don't channe=
lize

frequencies like on 2 meters, to be "plus and minus the qrm. i.e., plus a=
nd

minus 5khz. Such hardly requires discussion, its generally always been a
"given". 73 Roy WA4DOU

-----=

-

Why not have the calling window on 40 meters from =

7030 to 7035 or 7045 to 7050.

Donald Sanders W4BWS

---snip---

>Howdy Gang,

>Maybe it's time for a QRP calling window. It could start at the =

>present

>calling frequency and go up or down as needed.

>72,

>John WB40FT

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Tue, 23 Mar 1999 16:28:38 +0000
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [36384] DRO readouts
Message-ID: <36F7C136.1EA1F84D@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've seen posts about DRO's for the various kits, does anybody have contact info for the various kit-makers?

--

Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>
+++++

Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Tue, 23 Mar 1999 17:48:18 -0700

From: Gary L Surrency <gsurrency@juno.com>
To: wb1cdh@cwix.com
Cc: qrp-1@Lehigh.EDU
Subject: [36385] Re: Gel Cel Recharging
Message-ID: <19990323.174818.-4089269.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I charge my 12v 7 A/H batteries using a universal wall wart with a 10 ohm 10 watt resistor in series. I had this resistor from a Radio Shack purchase, so the 10 watt rating is not really required. The resistor provide a voltage drop that prevents the charging rate from exceeding that recommended by the manufacturer. In the case of the Powersonic 7 A/H batteries I have, that maximum is 1500 ma, so there's no way a wall-wart and a 10 ohm series resistor is going to do any harm! The open circuit voltage of the wall wart is about 19 volts, so as the battery charges, there is more than enough voltage to top it off. I need to put a 15v zener and a load resistor across the output of the charger so I don't have to worry about the terminating voltage going too high. But I just watch the voltmeter for now.....

Periodically monitor the battery voltage to see when it gets to 14.4 to 14.7 volts, and the charging current drops to 70ma. The info on Powersonic's web page says this is a fully charged battery. Your battery manufacturer may provide charging info on their web site too.

The 10 ohm series resistor allows an old or greatly discharged battery to charge slowly, and prevents excessive current flow into the battery. Just don't forget to check on the battery ever so often, to avoid overcharging it. An old battery as low as you mentioned may take several days to fully charge, but that is a good sign. If it charges too quickly, it may overheat or it may just have excessive internal resistance and sulfation. Sulfation reduces the A/H capacity of the battery, so it may really only have 2-3 A/H or less if it is really old or damaged.

Basically, if it charges fast - it is probably bad and worn out, or you're charging current is too high. Slow charging allows the chemistry within the battery to take place, since it *is* a chemical reaction that stores the electrical energy.

Don't let the battery voltage exceed that recommended by the manufacturer, as the battery's life will no doubt be reduced. A different "float" voltage is usually specified after the battery attains full charge, but I've never found this to be necessary or a good idea. I just bring 'em up to full charge once a week or so if they are not in use. I never liked the idea of a constant charging chemical reaction taking

place, though the reverse is also true - it is less damaging for the battery to slowly discharge during storage than constantly charging it when it is already fully charged. I have some gel cells here that are 3 years old that appear to be in near new condition as far as their capacity goes.

Lots of computer UPS's wreak havoc on batteries by overcharging them. But the manufacturers of UPS's would rather you have to buy a new one anyway, when the UPS batteries no longer hold a charge.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 23 Mar 1999 17:11:22 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [36386] Re: NC20 Chirp
Message-ID: <19990323.174818.-4089269.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

First, be careful when you attempt to take accurate voltage readings like these around the 78L08 regulator. It makes a difference where you connect the negative lead because of voltage drops due to resistance and current flows elsewhere in the rig and power leads.

I made some measurements of the output of the 78L08 regulator (U2) in the NC20 and could not detect any shift in output voltage up to two decimal places. I had the negative DMM probe on pin 4 (ground) of the LF351N and the positive lead on pin 6 (output) since the op-amp is one of the critical components for tuning oscillator. If I connected the negative lead across to the other side of the PCB, I get considerably different readings.

Secondly, be sure your voltage error on the output of U1 is not due to a bad MPF102 JFET at Q1. Remove R5 and make the measurements again. If it's OK then, you need to replace Q1 with a JFET that has less leakage, such as a 2N5457 or J309A. That should prevent the RIT circuit from affecting

the varactor tuning voltage during TX.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 23 Mar 1999 20:08:52 -0500
From: "George Heron" <n2apb@erols.com>
To: <wong_th@eng.printronix.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [36387] Re: Fireball 40 Rev. 2B
Message-ID: <011f01be7592\$e37f5340\$b6ceaccf@herong>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yep, those two pads without any traces going to them should be grounded.
Just bend the component lead from those pads over on the bottom side and
solder it to the ground plane.

Good catch!

73, George N2APB
n2apb@erols.com
for the NJ-QRP Cllub at <http://www.njqrp.org>

> I noticed on the FB40 rev.2B PC board that C1 and C6 are not
> grounded to ground plane. The schematic shows that they are. Is there an
error
> with the board?

Date: Wed, 24 Mar 1999 01:21:18 +0000
From: Larry Cahoon <wd3p@juno.com>
To: qrp-l@Lehigh.EDU

Subject: [36388] A little fun on the road
Message-ID: <19990324.012118.4382.1.wd3p@juno.com>

I had to run out this afternoon after work to take my son to baseball practice. Since it was drizzling I wasn't going to go out in the rain so I threw the 20M SST in the car. As a incentive I knew someone was going to be running a county I needed in AR. I worked him with 500 mWatts from home earlier so I knew he had a good signal and a good ear. I had no idea what power I had the SST set at, but didn't have time to check. I missed the county I needed, but worked him in another that it turned out I didn't need. Then I decide to see who might need Prince George's MD. I ended up with only four quick contacts. CO, OK, SD and England. When I got home I checked out the power - 1 Watt so I think those four all come in at 1,000+ miles per watt.

Just a bit of midweek fun.....
73/72 de Larry.....WD3P in MD.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 23 Mar 1999 20:47:40 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36389] Ten Tec AC5 Tuner For Sale
Message-ID: <014001be7598\$4e0546c0\$2c785acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Exc condition Ten Tec AC5 (QRP) tuner for sale. uses a dual section cap and a coil with clips to tune. a picture can be seen here.
<http://asd.state.va.us/tentec/>

\$35 shipped in the 48 states

Tim
NZ8J

Date: Tue, 23 Mar 1999 17:54:53 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "'HomeBrew'"
<homebrew@qth.net>
Subject: [36390] Kanga US still around?
Message-ID: <001301be7599\$4fa349e0\$01000000a@accurate-main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks, Anybody heard what's up with Kanga U.S.? I am trying to find
current info on the binaural receiver board and the new R2 board. E-mail
goes answered. Are there other sources for these projects?

Thanks

Roger A. McCarty ARS KD6CC So. Calif.
<http://www.qsl.net/kd6cc>
<http://www.qsl.net/kr6lp>
Qrp-L #1555 KR6LP #1

Date: Tue, 23 Mar 1999 17:55:32 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: w1rfi@arrl.net, qrp qrp <qrp-l@lehigh.edu>
Subject: [36391] Re: QRPTTF: One month left to plan\
Message-ID: <19990324015532.19092.rocketmail@send102.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

---"Ed Hare, W1RFI" <w1rfi@arrl.net> wrote:
> Speaking of good sites, I had no bites on who wants VT, NH or RI.
> SOMEBODY must need one of them for Worked All States. :-) How about
we

Well ED, I could use Vermont. Could use the others also. Could you go

mobile? 8-)

72!

Jeff

==

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780

CW Forever!!!

Ghost Hunter

Owner of the Delta MudCats fantasy baseball team

Long live Manchester United and the Oakland A's!!!!!!

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 23 Mar 1999 21:30:42 -0500
From: Clay N4AOX <wyn@worldnet.att.net>
To: fflynn@together.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36392] Re: Altoids rig
Message-ID: <36F84E52.2FD8@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fran Flynn wrote:

>

>s

> is encouraged to carry this idea forth. There are lots of 5.25" MFM

> hard drives which these days seem to have little use other than

> enclosures

>

Another nice item on old boatanchor PC stuff is the drive motor for the full height 5.25" floppy drives. The motor is shielded, 12VDC nominal, comes with a nice pulley and belt, and has a built in tach output that was used for speed regulation. The motor can be used for all sorts of miniature drives for automatic QRP tuners, etc.

72/73,

Clay N4AOX

Date: Tue, 23 Mar 1999 21:44:56 -0500
From: "George Heron" <n2apb@erols.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "NJ-QRP" <njqrp@njqrp.org>
Subject: [36393] Atlanticon talk preview #7: "Genesis of a QRP kit"
Message-ID: <01be01be75a0\$4f4cc140\$b6ceaccf@herong>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Only a few more days until the Big day (Saturday) at Atlanticon! All the wheels are in motion for prizes, the proceedings, the hospitality suites, the homebrew building contest, the Hubble/astronomy excursion, and the full day of QRP talks themselves ... man, what a FUN weekend this is going to be for all QRPers!

Our official weather forecaster in the area (Scott N3BYY) just reported that rain is coming our way, but we'll be staying dry, warm and well-fed at the Atlanticon HQ hotel.

The door prizes keep rollin' on in. The latest include a Gusher portable antenna from N2CX, a number of W1FB books from N1PWU, a couple of Bulldog Keyers from K9LU, and a brand new K7SZ QRP book coming in April from ARRL (Thanks Rich!). Dave Maliniak, N2SMH is our Prize Meister for the weekend and he'll soon be listing the plans and schedule for the drawings.

So, here's the final preview of talks going on Saturday. It's a beaut! Bob Berlyn, N1PWU will be presenting the topic of "Genesis of a QRP kit (or have I lost my mind?!)" ...

"N1PWU will be overviewing the trials and tribulations of the development of a commercial QRP kit. For those not acquainted with the development process, Bob's talk will provide some insight into what it takes to develop a kit, as well as some appreciation for those that have done it in the past."

Bob has been a commercial airplane pilot most of his career, flying for Ransome Airlines, Pan Am Express and Trans World Express. He first got his license in 1993 as Novice class KB1ASQ and quickly upgraded in the following two years to Extra Class N1PWU. Currently a senior engineering technician with Bay Networks, Bob is most familiar to us QRPers as proprietor of HB Electronics in Rhode Island.

As always, all the Atlanticon details can be found at the website of sponsors NJ-QRP Club (<http://www.njqrp.org/atlanticon/>). Details can also be obtained by email by sending a message to EMBOT@NJQRP.ORG with SEND ATLANTICON in the body of the message.

72/73,
--George Heron, N2APB
n2apb@erols.com in Baltimore, MD
for the NJ-QRP Club at <http://www.njqrp.org>

Date: Tue, 23 Mar 1999 22:01:17 -0500
From: tjmc <tjmc@erols.com>
To: PDouglas12@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36394] Re: Packing for Atlanticon
Message-ID: <36F8557D.E1CF24C6@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

PDouglas12@aol.com wrote:

> Add a rain slicker to the bag, and old sneakers for getting wet in.
> Got the 2N2/40 packed with a J 38, and a battery, and connectors.

Great,... I am bringing my 2020 and 24g long wire spool. Anyone know if
the trees are near the hotel??? :)

And, NO RAIN gear... It's going to be dry (at least on Sunday)

72/3
Tom aa2vk

Date: Tue, 23 Mar 1999 21:07:35 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36395] Re: Inverted *V* ant question
Message-ID: <36F856F7.C73AFFB2@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Bob, are you sure that your SWR meter and the MFJ will work accurately in a 75-ohm line? I would be very surprised if they would.

A perfect match to your 75-ohm line would be reported by a 50-ohm SWR meter as 1.5 : 1. Almost certainly, the MFJ analyzer is designed for 50 ohms only.

Sounds like a great antenna installation! Suggest you not sweat the details too much. Just prune the length of the dipole until minimum SWR - regardless of what it is - occurs at the frequency you want. If that SWR is not acceptable, then it is time to consider a tuner or stub or any of several means to present the transmitter with the 50-ohm load it probably desires to see.

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Tue, 23 Mar 1999 21:20:03 -0600

From: sda <sda@bellsouth.net>

To: qrp-l@Lehigh.EDU

Subject: [36396] NC20 finished & working but slight problem (long post)

Message-ID: <199903240319.WAA24437@mail2.lig>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I finished the NC20 last night and did final tune up. Tried calling CQ all over the place but no joy. Even tried answering a few CQs but still no joy. Hrmp! Receiver works great. So, I jumped on 2meters today and got some local guys to look for my signal on 20M. They got me, but it turns out that my receive/transmit frequencies are off a bit--out of synch. hi! no wonder I couldn't hear any replies to my CQs! Ugh... so I fiddled with RIT a bit, and made my first NC20 contact tonight with WB2FXK, Jack, a FISTS member in New York state. I gave him a 589 and he gave me a 559. Nice to get that first QSO with a freshly built rig.

Anyway, so everywhere I go, I have to leave the RIT in about the 10 o'clock position in order to match up receive/transmit freqs. I guess this means that the rig is transmitting slightly ABOVE where it is hearing. Question is, HOW DO I FIX IT???!?!?! heh.

Ok, a small confession to make. When building on the rig over the

weekend, I discovered that R54 was missing from the parts. Great. Something told me a 6.2K resistor was NOT going to be a common value. Hmm. Pulled out a paper sack I have with about 2500 resistors. Started searching. "Blue-Red-Red" I chanted in my mind as I searched. No luck, but I managed to find a 6.5K resistor, so I stuck that in the holes and soldered it in. (Hope this is not why the TX/RX freqs aren't in synch). Anyway, I ordered a 6.2k resistor from Mouser along with some other stuff, i.e. recommended replacements for transistors and such that you guys have been talking about.

Can't see how R54 would throw things off, but maybe it is. Anyway, does anyone have any ideas?

I used a 10-turn pot left over from the first group buy, which I am glad I was able to install because it's really cool. But here is another question: During construction, I went ahead and set the VFO (via TC1) to "999" with the tune pot at it's far CCW position, as suggested in the manual. Now it dawned on me that my General Class license doesn't allow me to TX between 14.000 - 14.025. So, I want to go back and set TC1 so that VFO is 14.024 at full CCW tune pot position. Does this mean I will need to realign the whole rig (TX & RX) again? Maybe that's a stupid question, I dunno.

All I have is a DMM, and right now I don't even have a larger commercial rig (thank god....K2 on order) so I have to tune the rig by ear.

Also, I neglected to cut off the necessary length of the shaft of the 10-turn pot, so the knob is poking out off of the face. Any ideas for a safe way to remove about 3/16" of the shaft, post-construction?

Comments on the rig & construction:

Construction was interesting. A few challenges. I actually liked the way the manual was set up and found it easy to follow. Sometimes I had to read something over 2 or 3 times before it sunk in. There were a few slightly ambiguous portions, but no big deal.

The rig itself is fantastic. What a difference from the NC40a. The NC40a is a great rig, don't get me wrong, but man, the NC20 is like a big Cadillac. Feels "big and meaty", sounds "big and meaty". It hears awesome, too. I mean like it's really quiet and picks up weak signals well. I was lucky not to have any thump or AFA or AGC problems like other have had.

Now I just need to get RX/TX in sync so I don't have to ride the RIT to keep straight.

Thanks for listening to me ramble. I am going to get back on the air now.

Thanks, peace, and 72/73,

Todd Atkins, K4MSW
Baton Rouge, Louisiana
<http://www.qsl.net/k4msw>

Date: Tue, 23 Mar 1999 22:20:35 -0500
From: "The one and only!" <mitch96@pobox.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, rec.radio.amateur.antenna@pobox.com
Subject: [36397] fs mfj 259 (not "b") \$135
Message-ID: <36F85A03.B0E0AAFC@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Manuel, charger, I ship lower 48.

--
mitch Ww4mL
Hollywood, Fla.

Date: Tue, 23 Mar 1999 21:27:39 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: sda@bellsouth.net
Cc: qrp-1@Lehigh.EDU
Subject: [36398] Re: NC20 finished & working but slight problem (long post)
Message-ID: <19990323.213110.-4091005.3.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Todd,

I found on the two NC20's that I built, that it was not necessary to cut off any of the 10-turn pot's shaft. If you run a 1/4" drill down into the main tuning knob a little bit, it will allow the knob to slip all the way up to the shaft retaining ring of the pot. It's not going to go any farther than that - even if the shaft length was reduced.

I did this in a drill press, as you need to be careful not to drill too far and come through the front of the knob. There is a little bit of plastic flash below the brass insert of the knob, and this prevents the knob from bottoming on the pot's retaining ring.

Just be careful, and don't get too crazy with the drilling operation. It seemed easier to me than trying to saw off a little of the pot shaft. There's only a little plastic in the way, so you could probably remove that using just a hand drill if you're careful.

Oh, the TX offset adjustment is well described in the manual. Trimmer cap TC7 is used to set the TX BFO frequency the appropriate amount from the RX BFO and thus establish the corresponding RX signal frequency. Put R52 in temporarily to hear the TX developed sidetone of approx. 600 - 700 Hz, depending on your preference of audio tone when you tune someone in. Matching the TX offset this way by beating it against the TiCK sidetone of 600 Hz is a good way to set it.

You'll probably have to adjust the TiCK sidetone and AF gain to be able to hear each tone evenly. Just set the RX BFO first using TC6 before you so the TX BFO / offset. Tune TC6 for maximum RX signal at the speaker / phones output, while keeping the signal centered in the rig's passband using either the Main tuning or RIT control. Then do the TX offset.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 23 Mar 1999 22:29:56 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36399] Re: NC20 finished & working but slight problem (long post)
Message-ID: <199903240429.WAA32629x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Tue, 23 Mar 1999 21:20:03 -0600, sda <sda@bellsouth.net> wrote:

> Also, I neglected to cut off the necessary length of the shaft of the 10-turn
> pot, so the knob is poking out off of the face. Any ideas for a safe way to
> remove about 3/16" of the shaft, post-construction?

A Dremel tool with a cut-off wheel at fairly high revs will cut through it
just like it's butter with a hot knife! Good luck!

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Tue, 23 Mar 1999 23:30:22 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu, FOX_TANGO@qth.net
Subject: [36400] Thanks a million
Message-ID: <8cbc4a53.36f86a5e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

WHEW BOY!!!!!!

Did I get mail on the antenna.

Just to many to list.

Had to be 40 and counting.

Not one person supported the balun so why do they make them?

Anyway guy's/Gals,

I clipped out the balun and came in after just twisting the brade and center
conductor to the legs and my SWR was reading 1.3-1.

Thanks for all who responded.

Bob

WA2HOQrp <tm>

Date: Tue, 23 Mar 1999 22:37:00 -0600

From: Jeff Johns <jeffj@scott.net>
To: qrp-1@Lehigh.EDU
Subject: [36401] How long will it last?
Message-ID: <199903240437.WAA03586x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

This question is mainly directed to those of you that use the Rainbow tuner on a regular basis. For the sake of the discussion, assume that I'm using the tuner about an hour each day and except for the initial tune-up the bridge is switched to the out position, so the no draw on the battery from the LED'S. How long can I expect the N battery to last? Is it best to change it on a regular basis or will the unit exhibit some type of behavior, like not tuning properly, that will alert me to the fact that the battery is low?

Through the magic of J-B weld, my RBT and enclosure now has a proper looking knob. I wish I could show everyone the little rascal.... I'm extremely proud of it. I think I'm gonna take some pictures of it and revamp my web page with pictures of all my new little QRP goodies <grin>.

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Tue, 23 Mar 1999 20:41:11 -0800
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36402] Re: Gel Cel Recharging
Message-ID: <36F86CE7.3B973E8@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gary,

Very nice description of battery charging. I built the A&A Engineering "Smart Battery Charger", which is Warren Dion's (N1BBH) circuit found in the June 1987 Issue of QST, with a

few modifications. It operates pretty much as you described. If any one would like a good, concise, discussion on batteries and maintaining them, I highly recommend this article, and A&A's "smart" charger.

You said one thing that kind of interests me, which was:

> A different "float" voltage is usually specified after the battery
> attains full charge, but I've never found this to be necessary or a > good idea.

My understanding is that a "trickle charger" maintains a voltage on the battery during non use by constantly applying a small voltage to the battery. This is really not good for the battery, as you stated.

A battery charger that can "float" a battery, like the A&A smart charger does, actually "floats" or maintains the battery by "topping off" the battery only when the charger senses a drop in voltage. As long as the battery can maintain its specified charge state, the charger is "off", but it will continue to monitor the battery voltage.

I guess it's a long winded way of stating that there is a difference between a battery charger that has trickle charge capability, and one that has the ability to float a battery.

If anyone is serious about maintaining their lead acid batteries, they need to look at the June '87 QST article, and the A&A smart charger. People that use this type a charger are getting many years of service out of their batteries.

72,

Norm/KQ6SD

Date: 24 Mar 1999 10:19:39 GMT
From: rfoltz@turbonet.com
To: qrp-l@lehigh.edu
Subject: [36403] QRP TTF site
Message-ID: <05200348459924@turbonet.com>

Joe Gervais wrote:

> I'll be heading to a special border location where I've
> been promised snow (SNOW AT LAST!). :-) So break out the

> sunscreen and smiles, it's time to get ready to peg the
> Fun Meters yet again. *8-)

That special border location will be the ID-MT border known as Lolo Pass. It is on US-12 at an elevation of 5253 feet and currently has over 8 feet of snow. It has been a very good snow year. Joe, AB7TT, and I, K7TQ, will be on 40, 20, and 15 m handing out coveted ID and MT contacts. The nearest Taco Bell is to the east 30 miles away in Missoula, MT. To the west it is over 150 miles, so we won't be adding Bell to our reports.

Joe and I challenge anyone else to operate from a higher border elevation. See ya on the air.

Randy
K7TQ ARCI QRP-L NORCAL ARS FISTS CQC
Moscow, ID

Date: Wed, 24 Mar 1999 01:11:13 EST
From: DYARNES@aol.com
To: qrp-l@lehigh.edu
Subject: [36404] Repository of Knowledge
Message-ID: <76d3d73.36f88201@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,

I have come to the realization (late as usual) that some time ago I should have set up a special sub directory and called it "Really Good Info". And what would I put in that sub directory you ask? Well, for starters, just about every post that Gary Surrency has ever made! It's a rare occurrence indeed where he posts some info here on QRP-L and I don't learn something. So, if you are inclined to hit the delete key a little quick, just make sure it doesn't have his name on it--or at least wait until you read it.

Now if I can just get Gary to go back and repost everything he has ever said on here!

72 de Dave W7AQK

Date: Tue, 23 Mar 1999 22:33:42 -0800
From: David Fifield <fifield@pacbell.net>
To: sda@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36405] Re: NC20 finished & working but slight problem (long post)
Message-ID: <36F88746.89782224@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Todd,

To answer the remaining points. You probably have the 6.2K resistor already but don't realize it! The kits were shipped with 1% 6.2K resistors instead of 5% ones. It doesn't matter that they have a better tolerance. Look for a blue bodied resistor with the color bands BLU-RED-BLK-BRN then another BRN band (for 1% tolerance). Do you see it? Use that one in R54. The 6.5K resistor you have in there now will only affect the RX audio bandpass filter, and even then, not by much.

Once you have retuned your VFO to give you 14.025 to 14.100MHz (ish) coverage you should really retune both the RX and the TX. This will ensure maximum sensitivity on RX and minimum spurious outputs on TX.

Gary is right about the TX offset. You need to set TC7 correctly, as per the manual, on page 15 about half way down the right hand column. If you are having trouble with this procedure, write to me and I will help you get it done correctly.

72, Dave Fifield, AD6A

Date: Tue, 23 Mar 1999 22:33:36 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [36406] Message from KL7H/C6A
Message-ID: <36F89550.745D1A1B@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Message from KL7H/C6A

"I have not figured out a good way to get a message to the QRP-l group so maybe you could send one for me... I am unable to operate on 20M due to antenna but have been hanging out between 28.060 - .062 and 21.060 - .062... I have set up a tentative schedule with Tosh for 2100Z on 21.015 +/-... My operating times are spoardic because of the work I am doing on the house as well as a hectic social schedule... I try to operate each day for a while during and after my lunch around 1700Z... I try 10M first and if no or slow on takers I move to 15M..."

Bruce

--
73, Jim, AL7FS
<http://www.qsl.net/al7fs/>
<mailto:al7fs@qsl.net>
Anchorage, Alaska

Date: Wed, 24 Mar 99 01:48:12 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [36407] Atlanticon packing
Message-ID: <E10PhZt-0000lu-00@smtp.ticnet.com>

I'm hoping that I can find the slicker that I paid \$1 for at Dayton but didn't have to use. :-) Rare occasion that was....

1. Bringing the RH40 and two security guards along with one mean doggie to protect us all. :-) Got the customs forms filled out and gave the radio its shots since it has to go back to NM with some solar guru. Spots or not?
2. Bringing a CD for Mike C. with QQ scanned in from 1979.
3. Bringing an audio CD with 5 min sessions from 15 to 55 wpm. :-) That outta be interesting to see how fast people are..... Anyone want to try faster?
4. Bringing one QRP-L CD to demo on some laptops. The final

version won't be ready until April 2nd timeframe.

And some TX oil money for any new rigs that show up in MD. :-)

Hope the airlines don't charge me extra..... Was going to wear the new sneakers but guess the 300+ mile ones get to go by air.

:-)

cu there,

dit dit

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Wed, 24 Mar 1999 08:24:49 -0800
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [36408] test de KA5T
Message-ID: <199903240824.CAA08217@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

...

Date: Wed, 24 Mar 1999 01:48:44 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36409] WTB: Furby for autopsy...
Message-ID: <199903240946.BAA04077@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I need a Furby for "engineering dissection and full autopsy report." Will post my findings to QRP-L. Seeking working or non-working unit. Possible trade for some QRP gizmo, depending on condition.....

It's for the love of Science, people :-)

72,

Conrad Weiss - NN6CW

Date: Wed, 24 Mar 1999 07:11:07 -0500
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: rmccarty@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36410] Re: Kanga US still around?
Message-ID: <36F8D65B.710D@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Roger A. McCarty wrote:

>
> Hi Folks, Anybody heard what's up with Kanga U.S.? I am trying to find
> current info on the binaural receiver board and the new R2 board. E-mail
> goes answered. Are there other sources for these projects?
>
> Thanks
>
> Roger A. McCarty ARS KD6CC So. Calif.
> <http://www.qsl.net/kd6cc>
> <http://www.qsl.net/kr6lp>
> Qrp-L #1555 KR6LP #1

Web page is still active at <http://bright.net/~kanga/kanga/> the e-mail address I have from the web page is kanga@bright.net

Hope this helps.

--

73 de

K8CZ
Tom Isgro
OHIO

<http://www.qsl.net/ki8cz>

10-X #68364 SCI #1479 QRP-L #945 ARS #203 ARCI #9606
C.A.T.T #2115 FIST #2360 NORCAL #2113 ARRL

Date: Wed, 24 Mar 1999 07:34:52 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [36411] Atlanticon Weather
Message-ID: <36F8DBEC.51A7D61C@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Weather Channel website is calling for Cloudy on Friday but sunny and relatively warm on Saturday and Sunday for the greater Baltimore region so it looks like the Flea market will be good.

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 24 Mar 1999 08:24:47 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-1@lehigh.edu
Subject: [36412] Re: Kanga US still around?
Message-ID: <36F8E79F.46A1B03D@arrl.org>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> It was published so fast that boards aren't ready yet.--Zack W1VT

Date: Wed, 24 Mar 1999 08:30:19 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-1@lehigh.edu
Subject: [36413] wx update for Atlanticon
Message-ID: <3.0.5.32.19990324083019.007d1220@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ok, by now your probably hoping I'll go away with my wx reports, but I wanted to share what I hope to be good news.
Looks as if Saturday will be partly or mostly sunny and in the mid to upper 50's.
Looks as if all the appeals to higher powers paid off.
Sunday is to be even better. I'll not post anymore reports unless the weather changes significantly like hurricanes etc.
Look forward to meeting everyone. I'll be the guy with the German Shepherd.
Can't miss us.<g>

72 de Scott/n3byy
Fists #5030
Laurel MD

Date: Wed, 24 Mar 1999 08:45:58 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: tjarey@home.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36414] Re: Atlanticon Weather
Message-ID: <3.0.5.32.19990324084558.007f8620@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

yup! looks like things will be looking up.
Frequencies of interest.
162.400 is the NOAA wx station which is 99% accurate, 146.760 is a local machine that has remarkable reach around the area, 147.135 pl I believe is 151.4 or dtmf tone 821, and this machine covers Columbia and some of

Baltimore pretty well.

In any case thought to pass those bits along if needed.

cul es 72/73 de Scott/n3byy

Fists #5030

At 07:34 AM 03/24/1999 -0500, T.J. \\"SKIP\\" Arey N2EI wrote:

> The Weather Channel website is calling for Cloudy on Friday but sunny
>and relatively warm on Saturday and Sunday for the greater Baltimore
>region so it looks like the Flea market will be good.

Date: Wed, 17 Mar 1999 08:57:08 -0500

From: "Ken Hanks" <kennfd@snet.net>

To: <radioruss@fuse.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [36415] Re: Inverted *V* ant question

Message-ID: <003d01be707e\$11f4d200\$a3103ccc@acer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Russ:

Good idea, I have a similar setup but traded the coax for 450 ohm ladder line.

This allows operation on multi bands without the loss of power due to high SWR on the coax.

73,

Ken Hanks

KenNFD@snet.net

<http://www.qsl.net/k1xs>

Date: Wed, 24 Mar 1999 09:18:02 -0500

From: Russ Hines <radioruss@fuse.net>

To: kennfd@snet.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [36416] Re: Inverted *V* ant question

Message-ID: <36F8F41A.471214B6@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ken Hanks wrote:

>
> Russ:
>
> Good idea, I have a similar setup but traded the coax for 450 ohm ladder
> line.

An even better idea. ;-)

73,
WB8ZCC

Date: Wed, 24 Mar 1999 06:33:20 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [36417] Need to contact person in Honduras
Message-ID: <19990324143320.29317.rocketmail@web706.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Got a fone call this AM from a friend. His brother
Paul Imrie is working as a carpenter on Roatan island
in Honduras.
There's been a death in the family and he needs to call
his brother.
Does anyone know of any email contacts down there, and ways to reach
anyone on that island?

Thanks - Jim KJ5TF

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 24 Mar 1999 09:51:11 -0500
From: Todd Nichols <nichols@rtp.ericsson.se>

To: qrp-1@lehigh.edu
Subject: [36418] Re: FS - book "SMT Projects"
Message-ID: <36F8FBDF.AD8DD4A6@rtp.ericsson.se>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It's sold already. Too bad I don't have a small stash. If anyone is still looking for one, this one came from Old Colony Sound Lab. Go to <http://www.audioxpress.com/bksprods/index.htm> and page down to "SMT Projects".

Todd

--

Todd Nichols KB0HQU Ericsson Inc. (919) 472-7590
nichols@rtp.ericsson.se Research Triangle Park, NC

Date: Wed, 24 Mar 1999 09:57:02 -0500 (EST)
From: "John L. Sielke" <n4js@pobox.com>
To: njqrp@njqrp.org, qrp-1@lehigh.edu
Subject: [36419] Atlanticon
Message-ID: <XFMail.990324095702.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

I plan on trying to make the Hubbel Telescope tour with Paul. I have some chores to do, so probably won't get started out of hear until around noon, so it might be a close thing.

Look for the whitExplorer, with call letter plates and a BIG Texas BugCatcher. (I am bringing along my K2 to play with).

73

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
_/ _/ _/ _/ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Wed, 24 Mar 1999 09:58:29 -0500 (EST)
From: "John L. Sielke" <n4js@pobox.com>
To: njqrp@njqrp.org, qrp-l@lehigh.edu
Subject: [36420] Spelling....
Message-ID: <XFMail.990324095829.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

OK, OK, so I should be more careful. I was in a hurry..."out of hear" Sheeesh!

/_ \ /_ \ /_ \ /_ \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
_ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Wed, 24 Mar 1999 10:11:12 -0500
From: Randy Randall <RANDALLR@Healthall.com>
To: qrp-l@Lehigh.EDU
Subject: [36421] QRP kit info..
Message-ID: <s6f8ba63.009@Healthall.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Looking for opinions on the contental QRP SSB 80 Meter kit sold by Dan's small parts and the White mountain QRP SSB rig. If you have one or have built one please drop me a line.

Thanks,
Randy KB8ASO

Randy E. Randall
Network Engineer
The Health Alliance of Greater Cincinnati
3200 Burnet Ave. Room 4618
Cincinnati, Ohio 45229

Ph. 513-585-7146
E-mail randallr@healthall.com

!
!

Date: Wed, 24 Mar 1999 08:19:51 -0700
From: Dave Ek <ekdave@earthlink.net>
To: qrp-l@lehigh.edu
Cc: gsurrency@juno.com
Subject: [36422] Re: NC20 Chirp
Message-ID: <3.0.6.32.19990324081951.0079c140@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks, Gary, for pointing out my error in measuring the regulator output. Others had also suggested that my measurement was probably erroneous. This is indeed becoming a learning experience--too bad I have to expose my ignorance as part of it! ;-)

BTW, last night I tried lifting R5 to see if removing the RIT had any effect on my chirp, but it did not. Also, I tried Dave Fifield's suggestion of replacing R10 with two 4.7K's with a 0.01 uF cap in the middle to ground. That, too, did not affect the chirp. Next will be trying a more stable regulator and swapping out the caps that Dave recommended. (BTW, I've already replaced the two MPF102's with 2N5457's.)

72 es tn timer the help de Dave AB0GO

Gary wrote:

>First, be careful when you attempt to take accurate voltage readings like
>these around the 78L08 regulator. It makes a difference where you connect
>the negative lead because of voltage drops due to resistance and current
>flows elsewhere in the rig and power leads.

<snip>

Date: Wed, 24 Mar 1999 07:43:58 -0800
From: ki6ds@dpo1.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Cc: "Jim Cates" <wager@juno.com>
Subject: [36423] New NorCal Kit Announcement

Message-ID: <01be760d\$226a5940\$630a0d0a@doug.dpol.k12.ca.us>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Ok guys here it is. The latest NorCal Kit. We are offering a Homebrewers delight, a set of resistors from 1 ohm to 4.7M, in the following values:

1, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2,
10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82,
100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820,
1K, 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K,
10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K,
100K, 120K, 150K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K,
1M, 1.2M, 1.5M, 1.8M, 2.2M, 2.7M, 3.3M, 3.9M, 4.7M

As you can see, that is a total of 80 different values, all 1/4 Watt 5% brand new resistors, and we are selling a kit of 25 of each value, for a total of 2000 resistors in the kit for \$25 plus \$4 shipping and handling in the US, \$8 shipping DX. The current Mouser catalog has a similar kit (72 values) but you only get 10 of each resistor for \$57!! You get 2.5 times the resistors for less than half the price. These resistors are brand new, Xicon brand, carbon film resistors. They will be shipped in strips of 25 of each value.

To order please do the following: Send a check or money order in US Funds only to:

Doug Hendricks
862 Frank Avenue
Dos Palos, CA 93620
USA

Remember, the price is \$25 for each set, plus \$4 shipping and handling for each set ordered US, \$8 DX. Please also include a self addressed mailing label, to help speed up the handling. If you don't have a mailing label, print your name and address clearly on the order.

These kits are ready to go and will ship immediately. They are perfect for those of you who want to take advantage of the opportunity to build up a supply of resistors for your junk box. How many times have you been working on a project or mod and needed a resistor and looked through the junk box and didn't have one? Supplies are limited, with only 200 of these kits available.

72, Doug, KI6DS

Date: Wed, 24 Mar 1999 08:38:32 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-1@lehigh.edu
Cc: Goran Hosinsky <hosinsky@royac.iac.es>
Subject: [36424] RE: Grounding
Message-ID: <3.0.3.32.19990324083832.009375d0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Goran Hosinsky recently wrote:

>
>My primary goal with this exercise is get a good ground for the
>rig/computer system to help quieting my Philips monitor which
>makes a lot of noise. If the solution also allows me to run a
>longwire I will be pleased.
>

I doubt that any amount of "grounding" will reduce the monitor noise. It is most likely being radiated from the monitor itself and/or the connecting cable. I once eliminated interference to a 2m packet station from a B&W monitor on an old Apple II by spraying the inside of the monitor case with "conductive paint". The paint appears to contain graphite and is not really very conductive. It's sold by several electronics suppliers and mail order houses specifically for EMI shielding and it certainly worked in this case.

The other option is to get your antenna as far as possible from the computer and feed it with coax. (You might still have some noise pickup in your receiver via power wiring -- might require some ferrite chokes on power lines, computer cables, etc.) I have a 450 foot long-wire that's fed with 50 ohm coax via a 9:1 matching transformer wound on a large double-hole #64 ferrite form. Works great and has very little noise pickup -- but it picks up enough RF (from broadcast stations, etc.) to light up my LED SWR indicator! :-)

72, Larry W1HUE

Date: Wed, 24 Mar 1999 10:59:55 -0500
From: wgabriel@dukeengineering.com
To: qrp-1@Lehigh.EDU
Subject: [36425] New NorCal Kit
Message-ID: <8525673E.0057B50E.00@dpinet01.dukepower.com>

Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Wonder who will be the first to figure out how to wire up all 2000 resistors to
make
the kit "do something"!!???

Hehehheh!! Just poking fun.

It's a very good deal I think. Thanks to NorCal for the bulk buying power.

Watson/WB4EXW

Date: 24 Mar 99 08:34:52 MST
From: John Pate <kb4utv@netscape.net>
To: qrp-l@Lehigh.EDU
Subject: [36426] Test
Message-ID: <19990324153452.14853.qmail@www0c.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

<html>
<body>
TEST

John Pate KB4UTV QRP-L #1758 Gilbert, Az

<HR noshade width=3D"90%">
Get your own FREE, personal Netscape WebMail account today at <a href=3D"
http://webmail.netscape.com" target=3D"top">http://webmail.netscape.com</
a>.
</body>
</html>

Date: Wed, 24 Mar 1999 10:14:55 -0600
From: Jeff Johns <jeffj@scott.net>

To: qrp-1@Lehigh.EDU
Subject: [36427] Re: Test
Message-ID: <199903241614.KAA31204x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On 24 Mar 99 08:34:52 MST, John Pate <kb4utv@netscape.net> wrote:

```
> <html>
> <body>
> TEST
> <br>
> <br>
> John Pate KB4UTV QRP-L #1758 Gilbert, Az<br>
> <BR>
> <HR noshade width="90%">
> Get your own FREE, personal Netscape WebMail account today at <a href="http://
webmail.netscape.com" target="top">http://webmail.netscape.com</a>.
> </body>
> </html>
>
```

The 'test' worked, but the HTML is a real bummer.... I wonder why so many of these 'free' accounts insist on using HTML...

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Wed, 24 Mar 1999 09:19:22 -0700
From: Roy <marion@montana.com>
To: <qrp-1@Lehigh.EDU>
Subject: [36428] Re: New NorCal Kit Announcement
Message-ID: <199903241625.JAA00850@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:43 AM 3/24/99 -0800, you wrote:

>Ok guys here it is. The latest NorCal Kit. We are offering a Homebrewers

>delight, a set of resistors from 1 ohm to 4.7M, in the following values:

Is this an indication that norcal is not going to offer kits in the future? Hope not.

Date: Wed, 24 Mar 1999 11:14:34 EST
From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [36429] AR QRP Net Tonight
Message-ID: <23f6f336.36f90f6a@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

The AR-QRP 40 m net is tonight, Wednesday, at 0130Z at 7.042 MHz. Bob, AB5ZD is NCS and will be calling "QST AR QRP NET de NQ5RP PSE QNI". (Note the use of our new club call!) At that time, please send your full call. When I copy it, I will return your call and AS (stand by) while more call in. When I have the list, I will start at the top and go down the list for reports and comments. If you are trying a new rig or antenna, tell us about it! Try to keep it short, though, especially if we have a long list! This is a fun, informal net. It is a low hassle way to learn how to check into a net, and you don't need to be a member of the AR-QRP Club to check in.

72,

Bob AB5ZD

Date: 24 Mar 99 09:29:31 MST
From: John Pate <kb4utv@netscape.net>
To: qrp-1@Lehigh.EDU
Subject: [36430] CB to 10 Meter Conversion
Message-ID: <19990324162931.4025.qmail@www181.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

<html>

<body>

Now that I know how to post, have to send as HTML (whatever that means), =
I have a Cobra 148GTL I want to change to 10 Meters. Can it be done? Wh=
at do I need to do or where can I get the info to do it. Thanks in advan=
ce for advice. 72's John

John Pate KB4UTV QRP-L #1758 Gilbert, Az

<HR noshade width=3D"90%">

Get your own FREE, personal Netscape WebMail account today at <a href=3D"
http://webmail.netscape.com" target=3D"top">http://webmail.netscape.com</=
a>.

</body>

</html>

Date: Wed, 24 Mar 1999 08:16:24 -0800 (PST)
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>
To: qrp-l@Lehigh.EDU
Subject: [36431] QRPTTF from NH/ME Border
Message-ID: <19990324161624.27974.rocketmail@web1.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Ed Hare W1RFI wrote:

>Speaking of good sites, I had no bites on who wants VT, NH or RI.
>SOMEBODY must need one of them for Worked All States. :-) How about we

Since the subject of QRPTTF has come up, I want to let everyone know that the NH/ME border will be activated. I've chosen a MUCH better (and safer) location this year. It has excellent exposure to the W & SW. And, for the first time in QRPTTF history, KB0VCC will be multi-band capable! I've got the OHR-500 peaked and ready to go. This won't exactly be back-country operation, but I will be sitting on a sandy lakeside shore that the ME/NH border slices right through! I'll likely be using a vertical again this year since trees won't be available on the beach. No Taco Bell (or any other fast food restaurants) in sight for 30+ miles.

Because of high water at last year's location, I settled for 80 feet from the border and ONLY gave out the state I was in. There is NO question this year. I will plant my butt, rig, batteries and antenna right ON the border.

BOTH state reports will be issued. Looking forward to working you all! BTW, I need Nebraska and Hawaii.

72/73!

-Dale

P.S. Last year we knew ahead of time who was going to be operating from where. Anyone tracking that this year? Paul?

```
=====
Dale Anderson           In the Mt Washington Valley
KB0VCC                  Conway, New Hampshire
QRP-L #91 / CQC #251    Grid Sq: FN43KX
ARS #234 / FISTS #3172  http://www.qsl.net/kb0vcc
=====
```

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 24 Mar 1999 10:36:42 -0600
From: Guy Dragoo <GDRAG@proedge.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [36432] B&K 1570A Oscilloscope Info needed
Message-ID: <117783A3E0F4D1119BCD006008AC9E5D0718E3@mail.proedge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I recently acquired a B&K 1570A. It came with no manual or probes. I am interested in getting a manual and probes for this unit if anyone is aware of where I can find these. I am also interested in getting the unit checked out (calibrated?) by a knowledgeable repair person so if anyone knows of an individual that specializes in or works on these units I would appreciate the additional info as well.

73

Guy AC5HL

Date: Wed, 24 Mar 1999 08:43:21 -0800

From: "Bruce" <Bruce2@prodigy.net>
To: <qrp-1@lehigh.edu>
Subject: [36433] Antenna rope
Message-ID: <005101be7615\$6e6ed2a0\$11809cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone know if there REALLY is any difference in the sunlight UV decay rate between the Dracron (polyester) antenna rope that is sold by ham antenna merchants and the polyester rope that is sold in the various hardware stores such as Home Depot, Eagle Hardware, ACE etc????
Bruce WB4WZL

Date: Wed, 24 Mar 1999 10:48:47 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Roy <marion@montana.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36434] Re: New NorCal Kit Announcement
Message-ID: <Pine.LNX.3.95.990324104308.5282F-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 24 Mar 1999, Roy wrote:

> At 07:43 AM 3/24/99 -0800, you wrote:
> >Ok guys here it is. The latest NorCal Kit. We are offering a Homebrewers
> >delight, a set of resistors from 1 ohm to 4.7M, in the following values:
>

Is this an indication that norcal is not going to
> offer kits in the future? Hope not.
>

....I don't think so but I do believe it would be a good idea that the people who have and are involved in the tremendous amount of work to make a kit ready for us, take a more than well deserved rest...."All work (volunteer or not) and no play makes Jack a dull boy"....burn out eh?...I really don't know how they do it year after year.....must be a labour of love...72 - Bruce(VE5RC)

Date: Wed, 24 Mar 1999 11:11:43 -0600
From: sholisky@ktca.org (Scott Holisky)
To: qrp-l@lehigh.edu
Subject: [36435] Re: Message from KL7H/C6A
Message-ID: <fc.000f548a00421f6b000f548a00421f6b.421f95@ktca.org>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all - Yes I worked Bruce last weekend. Had a nice qrp chat, even though ten was a bit noisy. Just thought it was pretty funny hearing a KL7 / C6A ... didn't have the heart to tell Bruce his blood was gonna thin and it would be months before he reacclimated.

73's Scott NOAR
Near St.Paul, MN

Date: Wed, 24 Mar 99 11:28:56 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [36436] Spell Checkers, postings and resulting email [long]
Message-ID: <E10Pqdw-0002pr-00@smtp.ticnet.com>

Gang,

Every once in a while I see a couple of posts like I saw today and I cringe because I know exactly what is going on and I'm sure the rest of you do too. :-) 3,000+ people know a lot and we all can't agree on any one thing.

So, indulge me this one lengthy posting to clear my feelings on the subject. Indulge - to treat with excessive leniency, generosity, or consideration.

There are a large number of teachers/Elmers in our lives that have a great influence on each and every one of us. Either through a one semester course, a year, or several years of classroom or

advisory capacity.

After high school and about two months into my freshman year at a Christian Institution of Academic Excellence I decided to write my H.S. Senior English teacher a letter explaining how well things were going. A week later I get back a letter from her. Within the letter was my letter marked and graded in red pencil along with a nice note. I was so embarrassed by it all that I made up my mind at that time to do the best that I could when writing because I had spent all my time doing the best that I could at mathematics and thought that I would need to devote 100% of my energies to doing the "dweeb thing". I guess it kept me from getting a bad attitude about language and my need for it as a scientist or engineer.

Doug Hendricks, KI6DS, has a similar story he tells when he gives a talk about the evolution of QRPP and his background in school. I'll not give that away and you have to hear him in person to get the full joy of hearing the success story. We all have one or more of these. Please - let's not start a "first"-thread on this topic. :-)

So, back to the topic of spell checkers and English majors. Gang, there are 3,000 readers of this list. And we have the same cross section of the human race as any other large group.

If you post, remember that you are standing in front of a very large group. Some don't have a sense of humor and some don't have much to do other than to send you email back making your day turn gloomy pretty fast. You have to take your time in posting and reread your post several times (if possible) before hitting the send key. We all know what happens just after you hit the "send" key. :-) You spot about 6 different major errors and you wish you could get it back. It's like dropping a letter into the USPS box. It is history..... I actually have a dictionary at the desk and use it. Not because I can't spell but sometimes a word on the screen just doesn't look the same as a word on the printed page. I am the only person on the list that has actually typed in every word of the Merriam-Webster Pocket Dictionary. Really. Sixth Edition I believe. Did it when I was working on the PhD in my spare time over a lengthy period of time. The purpose was to win a contest creating crossword puzzles for a big prize. :-) Didn't win the big prize because they pulled a neat stunt on the last crossword puzzle. It wasn't square. :-) ;-)
Ask me the story sometime in person. It's pretty funny when you hear it all.....

I consider spelling and penmanship a sign of just how well another human being wants to communicate with the rest of the world. Everyone that went to Wink High School in Wink, TX during a period of time when one teacher was the Freshman English teacher had excellent

penmanship due only to her concerted effort to make sure that we could all write. To this day I still prefer an ink pen over any other writing instrument.

So, for those of you that want to be critics of the posters. Please refrain from doing so. If I find out about it, you are history. Yes, we all know about spell checkers on computers, but I personally dislike the things because of the acronyms that we use like RIT, XIT, SSB, CW, etc. that the spell checker will barf all over..... :-)
So if anyone posts a note and you get a nasty-gram from another member of the list that you think is inappropriate for spell checking then let me know. I think it is only one or two making the rest of the group miserable.

I'm not trying to control flame wars gang. The usually personality conflicts that don't spill over onto the list are to be expected but let's try to minimize the noise that does get on the list. Please. Pretty please. Pretty please with sugar on it.....

Also remember that this is a worldwide group and that for some individuals English is not their primary or first language. English is difficult enough for all of us except for those in England. :-)

I get so much email behind the lines on these type of issues that it does get old. I don't want rules in place. The group will last longer and be more friendly if we all just sit back and enjoy it and not try to make everyone follow strict guidelines that stifle creativity and enjoyment of the group.

I know that Larry East took a beating on his post on the chirp that I had, but his analysis (and I haven't had time to go back and work on it myself, but I will) of a possible solution to a problem seemed logical at the time. The jury is still out as best I can tell from postings that have since occurred. The point being that Larry's post wasn't meant to be a snipe at the NC20. On the contrary he was trying to contribute to the body of knowledge of QRP. What I do is just let the thread(s) run their course, whether on topic for the group or not unless they really really get out of hand and turn nasty. Someone will collect the postings over a long period of time (like any other list of mods to rigs and someone will come along 10 months later to the day and ask for the material) and wade through them and try to make sense of it all. I have a 38-special without mods. I dread the day that I decide to sit down and do something to it. I just might take it to Atlanticon and trade it for something that I need..... That's the ticket....

The other day I posted a question about just how many turns can you get on a toroid. I got back a lengthy email on all the technical

reasons for why you would not want to wind a toroid with the maximum number of turns. Gang, I don't remember saying that I would do that. What I was doing was a math exercise to get people to think about the physical aspects of winding a toroid and if you wanted to maximize the Q you'd go for the largest wire size and in the process determine the maximum number of turns and go from there..... Geeez as everyone says after such things happen. :-) :-)

Because of this you'll see myself and others get somewhat defensive and in a post add something like "please send nastygrams to /dev/null" or something to the effect that we don't need excessive comments or follow-up on the topic. We're not trying to be nasty. We just know that there are some people (sounding paranoid are we Chuck?) out there sitting at the keyboard all day going around the Internet looking for corrections to make. I personally put them in the same class of drive-by shooters from which I have personal experience as a potential victim. It just isn't fun when people want to do things like this on the Internet. I understand the problem and that there is no solution forthcoming.

To critique a posting or a writing or a rig or whatever is just fine. And such things don't have to be positive all time. Don't get me wrong, negative reviews are OK. It's just that you need substantial data and information to back up your claim(s) because you will get a backlash as some of you have already found out. Errors will even occur in the review process. We've all seen over the years what happens when someone gets a problem with a certain rig or company and posts their findings and then the defenders come out of the woodwork like they personally are invested. It happened to me a long time ago when I got one of the first QRP+'s. You remember that? :-)

It has become somewhat of a culture thing for this group on off-topic or wierd threads to see just how long they'll go on before some posts that "enough is enough". :-) So hopefully this posting will be one of those that dies right afterwards.. There is hope in this universe.

OK, I hope this posting helps and gets everyone to take a second to think. It is my sincere hope that I am not out of line in doing this as the founder of the group I feel somewhat responsible.

FYI and here is hoping for clear skies on Saturday no matter what swapmeet you are at. (OH, ending a sentence with preposition. -2 points) :-)

dit dit

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Wed, 24 Mar 1999 12:23:48 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: bruce2@prodigy.net, qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [36437] Re: Antenna rope
Message-ID: <36F8D954.7168C7E9@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If it is labeled as polyester, or dacron then it is pretty good at handling sunlight. The lines that are black and are labeled as 'UV resistant' are a little better, but may or may not be worth the added expense.

Avoid polypropalene like the plague, it doesn't do well in the sun at all.

Nylon is not bad in the sun and will stretch a lot more than dacron.

michael N6CHV

bruce2@prodigy.net wrote:

>
> Anyone know if there REALLY is any difference in the sunlight UV decay rate
> between the Dracron (polyester) antenna rope that is sold by ham antenna
> merchants and the polyester rope that is sold in the various hardware stores
> such as Home Depot, Eagle Hardware, ACE etc????
> Bruce WB4WZL

Date: Wed, 24 Mar 1999 09:41:43 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [36438] NorCal Resistor Kits & Future Kits
Message-ID: <01be761d\$9584f380\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, don't worry, NorCal is not going to stop doing regular kits, we just decided to do something a little "different". We have had several requests to do "component kits" and decided to give it a try. The response so far has been very good, with 12 of the Resistor kits already spoken for. If you would like, you may send me email to reserve a kit. Please put NorCal Resistor Kit in the subject line. Also, if you will put your mailing address in the message in the following format, it will help as I can preaddress the kits and when your check arrives, I'll put it in the mail that day.

Your Name
Your Address
Your City, State Zip

Please leave spaces before and after the address as I will print it out and use it for a mailing label. Works great and saves a ton of time.

And Bruce, you are correct, we do it as a labor of love. Jim and I are nowhere near burnout stage yet. Why we're just getting started. Stay tuned for more QRP Fun.

72, Doug, KI6DS

Date: Wed, 24 Mar 1999 12:56:24 -0500 (EST)
From: "L. Jeffrey Hetherington" <jhetheri@npiec.on.ca>
To: Canadian QRP List <qrp-canada@lists.gpfn.sk.ca>
Cc: Multiple Recipients of List <qrp-l@lehigh.edu>
Subject: [36439] QSL Mailing List
Message-ID: <Pine.SGI.3.96.990324125320.13940A-100000@nev.npiec.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang!

Does anybody know if there is a current active QSL-L type mailing list? The one at wu3v.net seems to have died a few months back, and is now completely dead. This was a _GREAT_ source of QSL info, with members that had the Go-List, the ARRL DX news, the Italian DX news, etc. Just about every major DX QSL route was represented and allowed for great sharing of these resources for casual DXers.

Thanx.

Jeff - VA3JFF

<http://www.geocities.com/Colosseum/2572/QRP.html>

Date: Wed, 24 Mar 1999 11:56:38 -0600
From: mjfitz@uswest.net
To: qrp-1@Lehigh.EDU
Subject: [36440] GELCELL CHARGER
Message-ID: <36F92756.6A2B7A2E@pop.omah.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,

Here's the info. on the charger I use. It ain't the cheapest thing going, but it works very well and is hassle-free--you can leave the battery on it forever... It's just one of the Powersonic battery chargers that Mouser sells, stock no. 547-PSC12500A, rated for 2 to 10 Ah batteries. It's a large wall-wort, but it is very heavy-duty, has indicator lights for charging status and power-on (if it's plugged into an "ON" outlet it lights). You can just plug in a battery and forget it. It is rated at .5 A output and costs \$37.40--expensive perhaps, but it is relatively small (transportable). I charge 2.2, 4, and 7 Ah batts. with it all the time. When they are "up there" the charge LED goes out. Also, it has screw-type terminals on it. The last LM317-based power supply I built cost me almost this much in new parts, enclosure...

Mike KI0AF Mo. Vly IA

Date: Wed, 24 Mar 1999 12:07:51 -0600
From: Jeff Johns <jeffj@scott.net>
To: qrp-1@Lehigh.EDU
Subject: [36441] Battery Choice
Message-ID: <199903241807.MAA15979x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

I'm building a keyer kit and the circuit can accept between 5-15V DC. I want to put a small battery into the enclosure. Would it be better to use a 9 volt battery or an N size battery like in the Rainbow tuner? Either size is acceptable, I just wonder which would last longer?

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Wed, 24 Mar 1999 13:16:30 -0500 (EST)
From: Caldera OpenLinux User <qrp@cisgw3.law.pace.edu>
To: qrp-l@Lehigh.EDU
Subject: [36442] RE: Grounding
Message-ID: <Pine.LNX.4.05.9903241314450.11273-1000000@www.cisg.law.pace.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Would one of those big ferrite beads on the 110 AC line and the data line help?

Dave Williams
NN2D

On Wed, 24 Mar 1999, Larry East wrote:

```
> Goran Hosinsky recently wrote:
> >
> >My primary goal with this exercise is get a good ground for the
> >rig/computer system to help quieting my Philips monitor which
> >makes a lot of noise. If the solution also allows me to run a
> >longwire I will be pleased.
> >
> >
> I doubt that any amount of "grounding" will reduce the monitor noise. It is
> most likely being radiated from the monitor itself and/or the connecting
> cable. I once eliminated interference to a 2m packet station from a B&W
```

> monitor on an old Apple II by spraying the inside of the monitor case with
> "conductive paint". The paint appears to contain graphite and is not really
> very conductive. It's sold by several electronics suppliers and mail order
> houses specifically for EMI shielding and it certainly worked in this case.
>
> The other option is to get your antenna as far as possible from the
> computer and feed it with coax. (You might still have some noise pickup in
> your receiver via power wiring -- might require some ferrite chokes on
> power lines, computer cables, etc.) I have a 450 foot long-wire that's fed
> with 50 ohm coax via a 9:1 matching transformer wound on a large
> double-hole #64 ferrite form. Works great and has very little noise pickup
> -- but it picks up enough RF (from broadcast stations, etc.) to light up my
> LED SWR indicator! :-)
>
> 72, Larry W1HUE
>

Date: Wed, 24 Mar 1999 10:24:28 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <radman@best.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36443] Re: Furby for autopsy...
Message-ID: <003f01be7623\$8e8eaac0\$f3424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>
>I need a Furby for "engineering dissection and full
>autopsy report."

You might do a search on the Web first. There was a
"Furby Autopsy" site I visited late last year.

72,

John, K6QQ

Date: Wed, 24 Mar 1999 12:20:57 -0600
From: Jeff Johns <jeffj@scott.net>
To: qrp-l@Lehigh.EDU
Subject: [36444] What is the difference?
Message-ID: <199903241820.MAA21200x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

When speaking of potentiometers, what is the difference in a linear taper and a audio taper?

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net  w4jef@amsat.org |      Reserve Patrol Captain      |
|  Satellite: Mir R0MIR-1, AO-27  | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet|      QTH Birmingham, AL USA    |
*-----*
```

Date: Wed, 24 Mar 1999 14:16:17 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [36445] Re: QRPTTF from NH/ME Border
Message-ID: <199903241901.0AA21780@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

>
> Since the subject of QRPTTF has come up, I want to let
> everyone know that the NH/ME border will be activated.
> -Dale
>
Hey, I live aprox 6 miles from the ME/NH line. (if a crow readly did fly in a straight line) Is that close enough that I don't need to leave home? :-)

That opens the question, "how close is close enough to qualify?"

72,
Steve, KD1JV in the white Mountains of New Hampshire

"melt solder"

Date: Wed, 24 Mar 1999 11:27:14 -0800
From: "Radman" <radman@best.com>
To: <jeffj@scott.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36446] Re: Battery Choice
Message-ID: <199903241924.LAA27173@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jeff,

My preference is to power keyers with batteries at "logic levels" ~ 4.5 -5.0 volts -- and get rid of the fixed regulator in the circuit. Many of us who use the CMOS-3 keyer employ this strategy with 3 - "AA" alkalines in series. You can decrease the physical size of your battery pack by going to smaller 1.5 volt batts... eg: "AAA" or "AAAA." The cheap source of "AAAA's" is found by "disassembling" a standard 9volt battery -- which is really an array of individual "AAAA" cells. Pretty cool, have a look at it :-)

In summary: eliminating the fixed regulator typically increases battery life :)

GL es 72,

Conrad -- NN6CW

I'm building a keyer kit and the circuit can accept between 5-15V DC. I want to put a small battery into the enclosure. Would it be better to use a 9 volt battery or an N size battery like in the Rainbow tuner? Either size is acceptable, I just wonder which would last longer?

73 Jeff W4JEF

Date: Wed, 24 Mar 1999 14:23:17 -0500
From: dor <elbc@pivot.net>

With an audio taper pot, the resistance changes less for a given amount of rotation towards the low end of the pot's range, but changes faster as you reach the end of the pot's range. If you graph the resistance of a full rotation of an audio taper pot over time you'd get something that looks like this:



The response of the pot is slow at the start, but "flattens out" as you reach the top. This gives the user an easier way to tune low volumes. It's like the same concept behind using a ten-turn pot instead of a one-turn pot. The reason why it's called an "Audio" taper pot is that the user will most likely be making changes towards the low end of the volume scale as opposed to the high "eardrum-busting" end of the scale. Some also say that the ear also responds to smaller changes in volume more easily when the volume is lower to begin with.

hope this helps- 73
chris aa9hd

> When speaking of potentiometers, what is the difference in a linear taper
> and a audio taper?
>

Date: Wed, 24 Mar 1999 14:45:59 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jeffj@scott.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36449] Re: What is the difference?
Message-ID: <000c01be762e\$f225f6a0\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A linear taper pot is just that, linear. An audio taper pot is logarithmic.

Putting the pot at mid range is exactly 50% only on a linear pot.

Audio taper pots are generally used in volume controls, and a lot of them have a 'tap' on them for the inclusion of an RC network that will boost lows and highs slightly as a 'loudness control' as the pot nears the 'bottom' of it's physical travel.

Mike Yetsko
N1DVJ

>When speaking of potentiometers, what is the difference in a linear
taper

>and a audio taper?

>

>73 Jeff

>

> *----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L#

1857 -----*

> | Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's
Dept|

> |200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |

>

Date: Wed, 24 Mar 1999 15:02:20 -0500
From: "David Maliniak" <dmaliniak@penton.com>
To: njqrp@njqrp.org, qrp-l@lehigh.edu
Subject: [36450] Atlanticon Prize Drawings
Message-ID: <8525673E.006F7292.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Part of the fun planned for the Atlanticon '99 QRP Forum this weekend in Timonium, MD is a series... a *long* series... of prize drawings throughout the day on Saturday. In addition to my chores as Registration Chairman, I'm also helping to coordinate the prizes. Just take a look at this list. It's more than enough to stock a nicely-equipped QRP shack!

Atlanticon Prize Drawing List:

51. "History of QRP in the U.S.", from Jon, N3ZIL of the Eastern PA QRP Club.
50. "The Joy of QRP", from the Eastern PA QRP Club.
49. Ladder Grabber, by EMTECH
48. "HF Antennas for All Locations" by L.A. Moxon, G6XN, from the Eastern PA QRP Club.
47. Ladder Grabber, by EMTECH
46. "QRP Power" from Bob Berlyn, N1PWU of HB Electronics
45. "W1FB's QRP Notebook", from the Eastern PA QRP Club.
44. Ladder Grabber, by EMTECH
43. "W1FB's Design Notebook: Practical Circuits for Experimenters", from the Eastern PA QRP Club.
42. Ladder Grabber, by EMTECH
41. One year membership/renewal to ARCI (QRP Quarterly subscription), from QRP ARCI
40. Whiterook Products Co. Model MK-33 Pocket Mini-Paddle, from the Eastern PA QRP Club.
39. A "KE6RIE Rainbow Enclosure" for your Rainbow Tuner, from the NJ-QRP Club
38. "Solid State Design for the Radio Amateur," from Bob Berlyn, N1PWU of HB Electronics
37. A "KE6RIE Rainbow Enclosure" for your Rainbow Tuner, from the NJ-QRP Club
36. "W1FB's QRP Notebook," from Bob Berlyn, N1PWU of HB Electronics
35. Ladder Grabber, by EMTECH
34. Super TiCK kit from Embedded Research
33. Bundle of QRP Quarterly back issues, from QRP ARCI
32. TiCK-EMB kit from Embedded Research
31. "The Art and Science of QRP", a book by Rich Arland K7SZ
30. Gusher 20-20 portable QRP antenna, from N2CX

29. A "little red key" from the American Radio QRP Key Mfg Co.
28. Bundle of QRP Quarterly back issues, from QRP ARCI
27. A "little red key" from the American Radio QRP Key Mfg Co.
26. Bundle of QRP Quarterly back issues, from QRP ARCI
25. One-year membership/renewal to QRP ARCI (QRP Quarterly subscription), from QRP ARCI
24. K3CHP's DX QSL GUIDE, from Joe Mikuckis, K3CHP
23. Bundle of QRP Quarterly back issues, from QRP ARCI
22. K3CHP's DX QSL GUIDE, from Joe Mikuckis, K3CHP
21. QRPer's Data Book, from Paul Harden, NA5N
20. Bulldog Keyer kit from K9LU
19. One year membership/renewal to QRP ARCI (QRP Quarterly subscription), from QRP ARCI
18. Bundle of QRP Quarterly back issues, from QRP ARCI
17. "W1FB's Design Notebook," from Bob Berlyn, N1PWU of HB Electronics
16. K3CHP's DX QSL GUIDE, from Joe Mikuckis, K3CHP
15. Bulldog Keyer kit from K9LU
14. New book on QRP from Rich Arland, K7SZ (to be published by ARRL next month)
13. QRPer's Data Book, from Paul Harden, NA5N
12. ZM-2 ATU kit, by EMTECH
11. KnightSMiTe kit for 80 meters from Bob Kellogg, AE4IC and Rich Arland, K7SZ
10. A fully loaded Fireball 40 transmitter kit (includes Amp and TiCK options), from the NJ-QRP Club
9. 40-9er transceiver kit, from N2SMH
8. One-year subscription to "QEX: Forum for Communications Experimenters", from ARRL by Mark Wilson, K1RO

7. ARRL Antenna Book CD-ROM, from ARRL by Mark Wilson, K1RO
6. ARRL Handbook CD-ROM, from ARRL by Mark Wilson, K1RO
5. QST VIEW (1985-1989) CD-ROM from Bob Berlyn, N1PWU of HB Electronics
4. 44-Magnum transceiver kit, from Bob Berlyn, N1PWU, of HB Electronics
3. EMTECH NW80 transceiver kit, from QRP ARCI
2. SW-40+ transceiver kit, from Small Wonder Labs
1. NorCal 20 transceiver kit, from the NorCal QRP Club

To be eligible for these drawings, you'll need to attend Atlanticon and pick up your badge from me at the door. I'll be handling registration on Friday evening starting at 7:30 pm and on Saturday morning starting at 8 am. Remember... think "orderly!" and it'll go smoothly.

See you all on Friday/Saturday!

72, David N2SMH
for the New Jersey QRP Club

Date: Wed, 24 Mar 1999 12:11:07 -0800
From: "Radman" <radman@best.com>
To: <k6qq@hdo.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36451] Re: Furby for autopsy...
Message-ID: <199903242009.MAA13371@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi John et al,

Yep, great memory :-)... there's a super Furby Autopsy
site at: <http://www.phobe.com/furby/index.html>

Still, the issue of "open architecture" for Furby remains
a challenge for "gear heads" -- like me :-). Hopefully, I
can "crack the code" and report something of interest to

the QRP-L gang. If anyone comes across a Furby at a non-scalper price (~\$30) I'd be very interested ! They're tuff to find it seems.

How does this relate to QRP? We'll the Furby is no longer welcome in some aircraft, hospital telemetry units, ICUs, etc... sounds like low-power something or other is going on :-)

72 - Conrad - NN6CW

You might do a search on the Web first. There was a "Furby Autopsy" site I visited late last year.

72,

John, K6QQ

Date: Wed, 24 Mar 1999 15:51:31 -0500
From: "Harry T. Hurst" <hhurst@delaware.infi.net>
To: <wgabriel@dukeengineering.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36452] Re: New NorCal Kit
Message-ID: <00d401be7638\$19fb0540\$950d010a@wil-support1.WILMINGTON.GCI>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yup, it had to be. I ordered 6000 1/4 watt resistors from Mouser last month, just to stock up!

Maybe next time...

Date: Wed, 24 Mar 1999 14:00:55 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-l'" <qrp-l@lehigh.edu>
Subject: [36453] New and Radio

Message-ID: <01BE75FE.BD5A3060.bmug@gwl.com>

I just got the following news update and was wondering where on the bands one could listen in to what may be going on. I grew up listening to stories about people following world happenings on short wave radios but never had one to play with. Well now I have one and would like to listen in.

de KI00T, Brad

- * NATO forces have reportedly begun their expected military strikes on Yugoslavia.
 - Yugoslav President Slobodan Milosevic and Yugoslav military leaders today re-stated their opposition to calls for an international peace-keeping force in Kosovo and that their military is prepared to defend both the territorial integrity and national sovereignty of Yugoslavia
 - first-stage NATO measures against Yugoslavia are expected to involve mainly the use of cruise missiles.
 - the action marks the first-ever use of NATO force against a sovereign nation.

Date: Wed, 24 Mar 99 16:08:11 EST
From: jeverhar@cse.l-3com.com
To: njqrp@njqrp.org
Cc: qrp-l@lehigh.edu
Subject: [36454] Atlanticon/Spring Fever
Message-ID: <9903242108.AA20821@train11.cse.l-3com.com>

Darn it guys!

All this talk about Atlanticon is ruining my concentration! Can you say short attention span?

I'm getting so excited seeing the postings about what folks are gonna bring, the stiatiions they will be setting up in their rooms, what the weather prognosticators (had to look that one up, Chuck!) say and all those door prizes that my work is suffering...

Is it anticipation, spring fever or am I just plain lazy? Dunno but I can hardly wait oh gosh, oh golly, oh gee! Come on weekend!

Oh well, back to the salt mines. :-(

72/73,

Joe E., N2CX

Date: Wed, 24 Mar 1999 20:53:00 -0000
From: "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
To: <radman@best.com>
Cc: "QRP List" <qrp-l@lehigh.edu>
Subject: [36455] Re: Furby for autopsy...
Message-ID: <000001be763b\$7c006020\$2050883e@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Conrad,

Apparently there is a web site telling you how to dis-embowel a Furby so as to turn off its noise maker bit. Don't know the URL, but a search for Furby Autopsy might show-up something!

No Furbies were harmed during the transmission of this e-mail.

Regards

Mel GM6JAG
Edinburgh Scotland UK

British Caravanners Club Scotland Website up-dating daily

<http://www.bccscotland.freemove.co.uk>

Over 20 local pages, and linked to over 4500 pages worldwide

-----Original Message-----

From: Radman <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, March 24, 1999 9:48 AM
Subject: WTB: Furby for autopsy...

>Gang,

>

>I need a Furby for "engineering dissection and full
>autopsy report." Will post my findings to QRP-L. Seeking
>working or non-working unit. Possible trade for some QRP

>gizmo, depending on condition.....
>
>It's for the love of Science, people :-)
>
>72,
>
>Conrad Weiss - NN6CW
>

Date: Wed, 24 Mar 1999 21:11:24 -0000
From: "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
To: <adams@ticnet.com>
Cc: "QRP List" <qrp-1@lehigh.edu>
Subject: [36456] Re: Spell Checkers, postings and resulting email [long]
Message-ID: <000201be763b\$ae9e23a0\$2050883e@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well written Chuck!

Remember too guys, that some of us spell even English differently, viz.
Color/colour, favorite/favourite and the likes.

And we've got fortnights, and lifts (elevators), flats (apartments) and
cars(autos) with bonnets(hoods) and boots (trunks) and much much more!

Two countries divided by the same language, and I haven't even mentioned
any Scottish, Welsh or Irish words.

Regards,

Mel GM6JAG
Edinburgh, Scotland UK

British Caravanners Club Scotland Website up-dating daily

<http://www.bccscotland.freemove.co.uk>

Over 20 local pages, and linked to over 4500 pages worldwide

PS (do you use PS in USA?)

Just what was your grade in the returned letter Chuck? or are you not going to tell us?

Date: Wed, 24 Mar 1999 16:52:12 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: <qrp-1@Lehigh.EDU>
Subject: [36457] NC-20 U5 Upgrade
Message-ID: <046601be7640\$932347e0\$1552e4ce@ronaldpo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,

Anyone one know what the rteplacement would be for U5 in the Audio PreAmp section #8?

Thanks,
73 Ron de WB3AAL

Date: Wed, 24 Mar 1999 17:24:10 -0500
From: elawson@lr.net (Ed Lawson)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36458] Re: QRPTTF from NH/ME Border
Message-ID: <19990324221502.AAA17636@office4.office.new>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Wed, 24 Mar 1999 08:16:24 -0800 (PST), KB VCC wrote:

>Since the subject of QRPTTF has come up, I want to let
>everyone know that the NH/ME border will be activated.

Just a note to say my intenetion is to operate on the Vt, NH, Quebec border if the snow melts a bit more
and on the Vt. NH border in any event using SSB and CW on 20, 15, and 40. Not simultaneously, but
whatever is the most productive.

Ed Lawson
K1VP

Date: Wed, 24 Mar 1999 14:23:51 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: Ron Polityka <wb3aal@talon.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36459] Re: NC-20 U5 Upgrade
Message-ID: <Pine.BSF.4.05.9903241416100.24127-1000000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ron and the Gang,

If you really insist on replacing U5, you can try the LM833. It has a moderately higher current consumption (8ma v. 6.5mA max for the LF353). It also generates considerably lower noise than the '353: 4.5nV/sqrt(Hz) v. 25nV/sqrt(Hz). With the signal levels U5 is dealing with, I suspect the difference will be minimal.

73,
Bob - W3CD

On Wed, 24 Mar 1999, Ron Polityka wrote:

> Hello,
>
> Anyone one know what the rreplacement would
> be for U5 in the Audio PreAmp section #8?
>
> Thanks,
> 73 Ron de WB3AAL
>
>

Date: Wed, 24 Mar 1999 17:33:53 EST
From: Mercxx@aol.com
To: qrp-1@lehigh.edu
Subject: [36460] Question

Message-ID: <af603909.36f96851@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

I have a HW-8 with no mods. Can anyone give me an idea what it is worth?
Second questions should I do the mods or leave it in original condition?

Thanks for the bandwidth.

73s
Steve
N4TKP
QRP-L 1763
G-QRP 10248

Date: Wed, 24 Mar 1999 18:11:48 -0500
From: "George Heron" <n2apb@erols.com>
To: "NJ-QRP" <njqrp@njqrp.org>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Cc: <ki6ds@dpol.k12.ca.us>
Subject: [36461] Re: New NorCal Kit Announcement
Message-ID: <01b001be764b\$b6b20f60\$b2cfaccf@herong>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What an incredibly brilliant twist on a club kitting project!!! I can't tell you how many times I've scrounged and come up short for even a standard or common-valued resistor in the bins while knee-deep in some prototyping. (Just ask Clark WA2UNN and he'll tell you what a joke it is trying to put some mods into our circuits on the bench :-)

I can't think of many things that will be of more ubiquitous value to homebrewers, whether you are working on new little transmitters (a la FB40), mods to nice transceivers (a la NC20 or SW30+), microcontroller projects like the new N2CX PIC power meter (ooops, I shouldn't mention that before Atlanticon ;-), or even just a simple voltage divider for the external ALC control on the TS120S (to get lower power out).

THANKS to NorCal and Doug and the kit helpers! ... this is a deal that absolutely shouldn't be passed by! I'll be ordering several this evening.

(Must stock my workbench here in the new QTH here in MD, minutes away from Timonium.)

[Hmmm ... if most others feel the way I do, and the kits go fast, maybe another club will do a capacitor kit next. Hmmm.]

72/73,

--George Heron, N2APB
n2apb@erols.com in Baltimore, MD

Date: Wed, 24 Mar 1999 15:22:06 -0800
From: "Bill Todd" <bill@willapabay.org>
To: <elbc@pivot.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36462] Re: Grounding & General computer noise
Message-ID: <002001be764d\$22f82640\$e2added1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The only way to stop monitor interference is to move the monitor a sufficient distance from the ant and Receiver. Or to somehow shield the monitor. this is something that has to be done very carefully..

73 dave
(Linux Powered Machine RH5.2)

Hi Dave & Group -

Wasn't it a few months ago, that the QRP-L group came up with a bunch of suggestions on removing computer noise? I seem to remember many postings about this subject...but I didn't pay much attention to all of it because (at the time) I was using a very quiet 486.

I have a AMD K6II now, and this critter creates so much hash on my receiver, that it is really quite amazing. I can even hear this noise on my car radio, when I am parked OUTSIDE of the garage which houses my computer and hamshack room.

Monitor NOT the problem

The monitor does not seem to be the problem on this end. I can turn off the

monitor and the noise level stays the same...and I can turn the monitor on with the computer being off...and no noise is detected.

I can even hear my CD-ROM when it really starts to rev up.

Rather than go over all the same material, can a person or persons send me a list of proven suggestions for removing CPU noise? I'd really appreciate it folks.

Thanks - Bill-N7MFB

Date: Wed, 24 Mar 1999 16:45:49 -0700
From: "M. Monninger" <markem@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36463] Re: Furby for autopsy...
Message-ID: <3.0.6.32.19990324164549.0083ce00@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:11 PM 3/24/99 -0800, Radman wrote:

> ...
>the QRP-L gang. If anyone comes across a Furby at a
>non-scalper price (~\$30) I'd be very interested ! They're
>tuff to find it seems.
> ...

I don't think that's true now, unlike around Xmas. Walmart had them a few weeks ago for <\$30...\$28.95 or thereabouts. I'm in the Phoenix area...perhaps they're still hard to find elsewhere. My kids each have one. They're actually kind of obnoxious...(the Furby's, that is)...(well, sometimes the kids are, too)...

73... Mark AA7TA

Date: Wed, 24 Mar 1999 18:47:34 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-l@lehigh.edu>
Subject: [36464] QSL List.
Message-ID: <001501be7650\$b1f160c0\$7a3567d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There is a very good QSL reflector at QTH.NET . To subscribe send mail to
majordomo@qth.net and write subscribe dx-qsl , or go to www.qth.net for web
subscription or to read the messages without subscribing.

73 de Vince, VE3VFN.

End of QRP-L Digest 1405

